

ABSTRACT

The present invention provides a technology of inhibiting the decomposition of the solvent of the 5 electrolyte solution for the secondary battery. Further, the present invention provides a technology of prohibiting the resistance increase of the secondary battery and improving the storage properties such as improving the capacity retention ratio. The electrolyte solution 15 comprising non- 10 proton solvent and cyclic sulfonic ester including at least two sulfonyl groups may be used.